OOK

	Depth 6	Contents 7	Reference to last Measurement 8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499325

Serial No. 1st & Final Bill

Name of Work Construction of From Government To School building at Kadigehalli in ward No. 8

Name of Contractor of nature of Agency

Date of commencement of work 11-02-2019

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	NAME OF CONTRACTOR: Sri N.N. Sreenivasaiah WORK ORDER: BBMP/EE/BTP/WO/229/2018-19 Dated: 11-02-2019 JOB No:- 008-18-000002 Est COST:- 95.00 Lakhs Date of compliation: 30-10-2019						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1) ITNO 15	Earthwork excavation for foundation of buildings. Water Supply. Sanitary lines and electrical conduits either in pits @ in Trenches 1.5m & above in Ordinary Soil not exceeding 1.5m in depth including dressing the bottom & Sides of pits and Trenches. Stacking the excavated Soil clear from edges of excavation with lead upto 30m. after breaking of clods complete as per specifications.						
2)	Qty vide excel sheet Pg no 1 of Excel					68.65	cum
	@ no	195.00	—	—	—	1338645	
ITNO 2	providing and laying in position plain cement concrete of mix						

Serial No. .....
Name of Work ..... F
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
	1:3:6 with opc cement @ Granite metal coarse @ machine mixed, machine 15cms. thick well comp materials Labour Hom specifications.	
	Qty vide excel sheet	
		@

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
on	of buildings. Water		
ondits	either in pits @ in		
y	Soil not exceeding		
the	bottom & Sides of		
excavated	Soil clear from		
pto	30cm. after breaking of		
s,			
of E-Bill	68.65	cum	
00	— —		133864.5
plain	cement concrete of mix		

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Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	1:3:6 with opc cement @ 220 kgs with 40mm & down Size graded Granite metal coarse aggregate @ 0.892 cum & fine aggregate @ 0.446 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms. thick well compacted in foundation including cost of all materials Labour Hire of machinery curing complete as per specifications.						
	Qty vide excel sheet Pg no 2 of E-Bill					12.02	cum
	@ Rs 5199.00 —					— — —	62491.98

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
ITNO 3)	providing and constructing granite/Trap/basalt rubble Stone masonry in foundation with cement mortar 1:6. bond Stones at two m. apart in each course including cost of materials. Labour curing complete as per specification Qty vide excel sheet Pg no 3 of E-Bill					24.22	cum
	@ Rs 3348.00 -					- - -	81088.56
ITNO 4)	Providing and constructing granite/Trap/basalt Sqe stone masonry in basement with CM 1:6. edges of stones chisselled dressed in courses not less than 5cms high. bond Stones at two m apart in each course including cost of materials						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	Labour, curing complete Qty vide excel shee	
ITNO 5)	Providing ruled pointing 20mm deep after raking materials. labour, curing Qty vide excel shee	

OOK

h	Depth 6	Contents 7	Reference to last Measurement 8
			ep/ basalt rubble Stone
			rted 11t. bond Stones at
			ey cost of materials.
			fication
		24.22	cum
			81088.56
			Trap/ basalt Size stone
			ges of stones chiselled
			ns high. bond Stones at
			loading cost of materials

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Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Labour. curing complete as per specification.						
	Qty vide excel sheet Agno 21 of E-Bill					18.16	cum
	@ Rs					5157.00	- - - 93651.12
Two sf	Providing ruled pointing to coursed stone masonry with cm 1:4 20mm deep after raking joints to depth of 20mm nicely finished cost of materials. labour, curing complete as per specification						
	Qty vide excel sheet Agno 5 of E-Bill					161.46	Sqm
	@ Rs					98.00 -	- - - 15823.08

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
I/NO 6)	providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs. with 20mm & down size graded granite metal coarse aggregate @ 0.69cum & fine aggregate @ 0.459cum machine mixed concrete laid in layers not exceeding 15 cms. thick well compacted in foundation, plinth & cills. including cost of all materials labour. item of machinery. curing complete as per specifications.						
	Qty vide excel sheet Pgno 6 of E-Bill					4.04	cum
	@ Rs 5606.00	—	—	—	—		22643.24

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
I/NO 7)	providing & laying in with opc cement @ granite metal coarse aggregate 0.43cum. with Superplasti Reaffirmed-2008. machine 15cms thick well compa of all materials. Labour, Specifications.	300
	Qty vide excel she	

OK

Depth 6	Contents 7	Reference to last Measurement 8
n cement concrete of mix		
m & down size graded		
um & fine aggregates		
aid in layers not		
ed in foundation,		
aterials labour. Hire		
specifications.		
1	4.04	cum
— — —		22643.24

M. A. R. 57 (Rule 116)
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Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Item 7)	Providing & laying in Position plain cement concrete of mix M20 with opc cement @ 300kgs. with 20mm and down size graded granite metal coarse aggregates @ 0.69cum and fine aggregate @ 0.43cum. with Superplastisiser @ 3Ltr confirming to IS 9103-1999 Reaffirmed-2008. machine mixed concrete laid in layers not exceeding 15cms thick well compacted in foundation. plinth & cills. including cost of all materials. Labour. Hire of machinery. curing complete as per specifications.						
	Qty vide excel sheet Page no 7 of E-Bill					5.70	cum
	@ Rs 5710.00	—	—	—	—		32547.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
IT NO 85	providing and removing centering. shuttering. Struting propping etc. and Removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials Labour complete as per specifications. Qty vide excel sheet Pg no 11 of E-Bill @ Rs 238.00	-	-	-	-	6.66 ~~5.56~~ Sqm	1323.28 ~~1585.08~~
IT NO 95	providing and Removing centering. Shuttering. Strutting propping etc. for columns, pillars, post and struts Square/ rectangular / polygon in plain including cost of all materials, labour complete as per specifications Qty vide excel sheet Pg no 15 of E-Bill @ Rs 344.00	-	-	-	-	7.80	Sqm 2940.60

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
IT NO 10	1st Floor :- Prov Propping etc for co Qty vide excel s
IT NO 15	providing and Remo and Removal of balconies and like materials labour more than 3.50m

OK

Depth 6	Contents 7	Reference to last Measurement 8
tering.	Struttiny propping	
oundations, footings, bases	cost of all materials	
ns.	6.66	
d	~~5.56~~ Sqm	
- -	- -	1323.28 / 1585.08
utteriny. Struttiny		
and Struts Squa/		
of all materials, labour		
	7.80	Sqm
- -	- -	2940.60

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Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Invo 10	1st Floor :- providing and removing centering, shutteriny, Struttiny Propping etc for columns, pillars, post & Struts. Square/rectangular/polygon					96.60	Sqm
	Qty vide excel sheet Pg no 19 of E-Bill						
	@ Rs 382.00	-	-	- -			36901.20
Invo 15	providing and Removing centering, Shutteriny, Struttiny Propping etc and Removal of form work for Suspended floors, landings balconies and like, thickness upto 200 mm including cost of all materials labour complete as per specifications for heights more than 3.50m from ground level. 0 to 16 mtrs.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide excel sheet pg no 8 of E-Bill					~~15.35~~ 30.69	Sqm
	@ Rs 495.00	—	—	—	—	—	~~7598.25~~ 15191.55
TINO 12)	Providing and Removing centering, shuttering, Strutting, Propping etc for columns, Pillars, post & Struts (rectangular/ polygon in plan including cost of all materials, labour complete as per specifications.						
	Qty vide excel sheet pg no 33 of E-Bill					78.00	Sqm
	@ Rs 387.00	—	—	—	—	—	30186.00
TINO 13)	Providing and Removing centering, shuttering, Strutting, Propping etc & Removal of form work for Stairs except						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Spiral Staircase in as per specificatio
	Qty vide excel s
TINO 14)	Providing and R etc and Removal balconies and lik materials labour
	more than 1.50m

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	30.7.69	8
of E-Bill		~~15.35~~ Sqm	
00 — — —		~~—~~ @	7598.25
			1591.55
g . shuttering. Strutting.			
. post & Struts / rectangular/			
all materials. labour			
E-Bill		78.00 Sqm	
7.00 — — — —			30186.00
g . shuttering. Strutting			
work for Stairs		except	

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Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Spiral Staircase including cost of all materials. labour complete as per specification. Qty vide excel sheet Pg no 14 of E-Bill @ Rs 500.00 — — — —					15.35 ~~15.55~~ Sqm	1675.00 7570.00
7/10/19	Providing and Removing centering. Shuttering: Strutting Propping etc and Removal of form work for Suspended floors. landings balconies and likes thickness upto 200mm including cost of all materials labour complete as per Specifications for heights more than 3.50m from ground level- 0 to 5mtrs						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide excel sheet Pg no 29 of E-Bill Limited to @ Rs 328.00			—	—	289.08 / 288.11 — —	Sqm 94818.24 94500.08
ITNO 15	First floor :- Providing and Removing centering, Shuttering, Strutting propping etc & Removal of form work for Suspended floors						
	Qty vide excel sheet Pg no 41 of E-Bill Limited to @ Rs 333.00			—	—	285.48 / 284.58 — —	Sqm Sqm 95064.84 94741.83
ITNO 16	Providing and Removing centering, Shuttering, Strutting propping etc and Removal of form work for sides and Soffits of beams, beam haunching, cantilever girders, bressumers, and lintels not exceeding 1m in depth including cost of all						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	materials, labour Qty vide excel sheet Pg no
ITNO 17	First floor :- Providing propping etc. and R beam haunchings Qty vide exce
ITNO 18	Second floor :- Provi

OOK

Depth 6	Contents 7	Reference to last Measurement 8
ill	289.08	Sqm
ted to	288.16	
—	— — —	94818.24
		94500.08
centering. Shuttering.		
work for Suspended floors		
Bill	285.48	Sqm
ed to	284.56	Sqm
00/—	— —	95064.84
		94141.82
Shuttering. Struting. propping		
sides and Soffits of		
irders. bressumers. and		
including cost of all		

M. A. R. 57 (Rule 116)
Measurement Book

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Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	materials, labour complete	as	Per	specifications.			
	as vide excel sheet Pg no 18 of E-Bill	1.8	Sqm @ Rs	264.00	—	475.20	
17/10/18	First floor :- providing and	Removing	centering.	Shuttering.	Struting		
	propping etc. and Removal of form work for sides & Soffits of beams.						
	beam hounchings Cantilever girders. bressumers &	lintels					
	as vide excel sheet Pg no 24 of E-Bill					126.18	Sqm
	@ Rs	269.00	—			— — —	33942.42
17/10/18	Second floor :- providing and	Removing, centering.	Shuttering.	Struting			

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	propping etc and Removal of form work for sides and Soffits of beams, haunchings cantilever girders, breastsumers.						
	Qty vide excel sheet pgno 36 of E-Bill					126.18	Sqm
	@ Rs 274.00	—	—	—	—	—	34573.32
ITNO 19	providing and laying in position reinforced cement concrete of Design mix M_{20} with opc cement @ 320 kgs. with 20mm & down size graded granite metal coarse aggregates @ 0.69cum & fine aggregates @ 0.46cum. with Super plasticizer @ 3% confirming to IS9103-1999 Reaffirmed-2008, machine mixed concrete laid in layers not exceeding 15cms thick						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	vibrated for all ... lintels and beams. plasters. coping, be... including cost of ... but excluding cost ...
	Qty vide excel ...
FTNO 20	First floor : providing

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
m		work for sides and	
		girders, breastwalls.	
		E-Bill 126.18 Sqm	
		4.00 — — —	34573.32
		ed cement concrete of	
		20 kgs. with 20mm & down	
		aggregates @ 0.67cum &	
		or plasticizer @ 3Lt/	
		ed - 2008, machine mixed	
		eding 15cms thick	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499332

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	vibrated for all works in ground floor level for roof slabs. Staircase						
	lintels and beams. retaining walls. return walls, walls including attached						
	plasters. coping, bed blocks, anchor blocks, plain window cills, fillets etc						
	including cost of all materials labour. Hire of machinery curing complete						
	but excluding cost of reinforcement as per specifications						
	Qty vide excel sheet Pg no 10 of E-Bill					3.60	cum
	@ Rs		6193.00	—	—		22294.80
First floor							
do	First floor: providing and laying in position reinforced cement concrete						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	of Design mix M20 with opc cement @ 320kgs with 20mm						
	Qty vide excel sheet pg no 23 of E-Bill					17.45 cum	109037.70
	@ Rs 6245.00	–	–	–	–		30487.85
IIIN0 21)	Second floor: providing and laying in position reinforced						
	cement concrete of Design mix M20 with opc cement @ 320kgs.						
	with 20mm & down size graded granite metal coarse						
	Qty vide excel sheet pg no 35 of E-Bill					2.52 cum	
	@ Rs 6296.00	–	–	–	–		15865.92

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nur
1	2	
IIIN0 22)	providing and laying in M20 with opc cement @ 32 metal coarse aggregates Superplastisiser @ 3lkg co for all works in ground and beams retaining wa plasters. columns pillars coarses parapets. copings fillets etc including cost of	
	Qty vide excel she	

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
nt @ 320kgs with 20mm			
E-Bill		17.45	cum 109037.70
.00	—	— — —	30487.85
ing in position reinforced			
with opc cement @ 320kgs.			
granite metal coarse			
of E-Bill		0.52	cum
6296.00	—	— —	15865.92

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499333

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Item 21	providing and laying in position reinforced cement concrete of design mix M20 with opc cement @ 320kgs with 20mm & down size graded granite metal coarse aggregates @ 0.69cum & fine aggregates @ 0.46 cum. with Superplastisiger @ 3lts confirming to IS 9103-1999 Reaffirmed. vibrated for all works in ground floor level for roof slabs, Staircase, lintles and beams retaining walls, retain walls, walls including attached plasters, columns, pillars, posts, Struts, buttresses, String @ lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc including cost of all materials, labour, hire of machineries. Qty vide excel sheet page no 14 of E-Bill @ Rs 6345.00					0.36	cum 2284.20

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
ITNO 23	First floor :- providing and laying in position reinforced cement concrete of design mix M20 with opc cement @ 320 kgs. with 20mm and down size graded granite metal coarse aggregate @ 0.69 cum Qty vide excel sheet Pg no 32 of E-Bill @ Rs 6396.00					63.75 cum	409216.08 40T145/-
ITNO 24	Second floor :- providing and laying in position reinforced cement concrete of design mix M20 with opc cement @ 320 kgs with 20mm & down size graded granite metal coarse aggregate Qty vide excel sheet Pg no 43 of E-Bill @ Rs 6448.00					64.80 cum	417885.60

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
ITNO 25	providing T.M.T Steel rein cutting. bending. hookin wherever required. tying adjoining members wh of materials labour H Qty vide excel sheet	
ITNO 26	Second floor Staircase	

K

epth 6	Contents 7	Reference to last Measurement 8
osition reinforced cement		
t @ 320 kgs. with 20mm		
adge aggregate @ 0.69 cum		
	63.78	cum
-	- -	409216.08
		410745 =
position reinforced		
ge cement @ 320 kgs		
l coarse aggregate		
l	64.40	cum
-	- -	417185.60

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Measurement Book

No. B

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Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
IIIrd 25)	providing T.M.T Steel reinforcement for RCC work including Straightening. cutting. bending. hooking. placing in position. lapping and welding wherever required. tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design cost of materials labour Hire of machinery complete as per specifications, Qty vide excel sheet Pg no 44 of E-Bill 44 @ Rs 72078.00					11.39	Tonne 820968.42
IIIrd 26)	Second floor Staircase :- providing T.M.T Steel reinforcement						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	for R.C.C work including Straightening cutting. bending hooking. placing in position lapping &/or welding wherever Qty vide excel sheet pg no 45 of E-Bill					8.83	Tonne
	@ Rs 7207.00					— —	63644874
ITNO 27	Lift charges for Steel of all diameters for additional floors over ground floor per floor height of 3 m @ part thereof cost of labour. complete as per specifications					8.83	Tonne
	Qty vide excel sheet pg no 45 of E-Bill						
	@ Rs 486.00					— —	4291.38

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
ITNO 28	Providing and fixing M.S hollow pipe of placed vertically sp these vertical rods at equal interval. expansion bolts and making good the to length. welded Qty vide excel

OOK

Depth 6	Contents 7	Reference to last Measurement 8
ining	cutting. bending	
& / or	welding wherever	
bill	8.83	Tonne
8.00	— — —	63644874
ments for	additional	
height of 3 m @		
per specifications		
bill	8.83	Tonne
00 —	— —	4291.38

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499335

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
17/9/21	Providing and fixing M.S hand railing for balcony. With 50mm dia M.S hollow pipe of 14 gauge welded to 20mm x 20mm M.S equal rod placed vertically spaced at 100mm at regular intervals of 600mm. these vertical rods laterally tied to 3 horizontal rods spaced at equal interval. these assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars & making good the surface. all the joints and sections should be cut to length welded and fixed wherever necessary etc complete as per specifications. Qty vide excel sheet page no 46 of E-bill @ Rs 2726.00					106.80 Rm — — 291136.80	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
IIIVO 29	providing and laying pattern flooring for Staircase Treads and risers using the combination of 20mm Thick ruby red granite tile. the granite materials are laid on existing bed of CM 1:3 20mm thick pointed with colour pigment including full rounding for nosing flaming the ruby red granite for 50mm wide cutting etc complete as per specification.						
	Qty vide excel sheet pg no 47 of E-bill					33.32	Sqm
	@ Rs 5898.00 -					- - -	3144836
IIIVO 30	providing and constructing load bearing wall with Solid concrete blocks of density not less than 1200 kg/m³ & having a minimum average compressive Strength	Size 400x200x200mm				having 5.00 N/mm² confirming to IS 2185	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Doors and construc cost of all materia as per specificatio
	Qty vide excel
IIIVO 31	Second floor
	Solid concrete bl
	Qty vide exc

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
oring for of 20mm are laid on th colour pigment including x ruby red granite for 50mm per specification.		Staircase Treads thick ruby red existing	
of E-Bill		33.32 Sqm	
00 —	— — —		31448136
bearing wall with Solid x200mm having block having a minimum average confirming to IS 2185			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499336

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	2005 and constructed with CM 1:4, as per Per LS 25721 2005 including cost of all materials, labour charges, Scaffolding curing complete as per specifications						
	Qty vide excel sheet Pg no 48 of E-Bill					272.58 Sqm	270944.52
	@ Rs 994.00					— — —	159059.88
Five 51	Second floor providing and constructing load bearing wall with Solid concrete blocks of Size 400x200x200 mm having block density						
	Qty vide excel sheet Pg no 49 of E-Bill					248.58 Sqm	
	@ Rs 1023.00					— —	139148.46
							254297.38

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
ITNO 32)	Providing and constructing load bearing wall with Solid concrete blocks of size 400x150x200mm having block density not less than 1800 kg/m³ & having a minimum average compressive strength 5.00 N/mm² confirming to IS 2185(part1): 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour charges, Scaffolding as per specifications Qty vide excel sheet page no 50 of E-Bill @Rs 885.00/-					141.70 Sqm	162211.65 125404.50
ITNO 33)	Second floor :- providing and constructing load bearing wall with Solid concrete blocks of size 400x150x200mm having block density not less than 1800 kg/m³						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Qty vide excel
ITNO 34	Providing 20mm th cement mortar 1:6 to all corners wherever Scaffolding including Qty vide excel

OOK

h	Depth 6	Contents 7	Reference to last Measurement 8
ing		wall with	Solid
		having block density	
		minimum average	
ing		to IS 2185(part):	
		per IS 2572:2006 including	
folding		as per Specification	
		E-Bill 141.70	Sqm
o	—	— —	162211.65
			125404.50
		structing load	bearing
ly		of Size 400x180 200mm	
		1800 kg/m3	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499337

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty vide excel sheet Pg no 51 of E-Bill					~~112.34~~ 100.62	Sqm
	@ Rs 913.00	—	—	—	—	— —	102566.42 91866.00
Two 24	Providing 20mm thick cement plaster in single coat with cement mortar 1:6 to stone masonry & concrete surface including rounding off corners wherever required smooth rendering. Providing & Removing Scaffolding including cost of materials, leading complete as per specification						
	Qty vide excel sheet Pg no 52 of E-Bill					430.20	Sqm
	@ Rs 219.00	—	—	—	—	— —	94213.80

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
IIIVO 35)	Second floor :- providing 20mm thick cement plaster in Single coat with cement mortar 1:6 to Stone masonry & concrete. Qty vide excel sheet pg no 53 of E-Bill @ Rs 224.00					324.32 Sqm	69928.32 72741.76
IIIVO 36)	Providing 15mm thick cement plaster in Single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required Smooth rendering, providing and Removing Scaffolding, including cost of materials, labour, curing complete as per specifications Qty vide excel sheet pg no 54 of E-Bill @ Rs 216.00					606.82 Sqm	131073.12 131012.64

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
IIIVO 34)	Second floor :- Pro... with cement mortar ... corners wherever ... Qty vide excel sh...
IIIVO 35)	Providing 12mm ... to ceiling including ... rendering. Providing ...

OK

Depth 6	Contents 7	Reference to last Measurement 8
	cement plaster in	
	Stone masonry & concrete.	
Bill	324.~~38~~ Sqm	
00 — — —		69928.32
		72141.76
	Single coat with cement	
	rounding off corners	
	ing and Removing	
	.uding complete as	
	606.~~82~~ 54 Sqm	
— — — —		131073.12
		131012.64

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499338

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
Two 57)	Second floor L providing 15mm thick cement plaster in Single coat with cement mortar 1:3 to brick masonry including rounding off corners wherever required Smooth rendering. Providing & Removing						
	Qty vide excel sheet Pg no. 55 of E-Bill					461.50 Sqm	
	@ Rs 221.00 — — —						101991.50
Two 38)	Providing 12mm thick cement plaster in Single coat with CM 1:3 to ceiling including rounding off corners wherever required Smooth rendering. providing & Removing Scaffolding including cost of						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	materials. Labour. curing complete as per Specifications						
	Qty vide excel sheet pg no 56 of E-Bill					280.90 Sqm	
	@ Rs 209.00						58410.19
							57305.64
				204.00			
I-NO 305	Second floor providing 12mm thick cement plaster in						
	Single coat with cement mortar 1:3 to ceiling including						
	rounding off cornices wherever required Smooth rendering						
	Qty vide excel sheet pg no 57 of E-Bill					280.90 Sqm	
	@ Rs 209.00						58410.19
I-NO 405	Providing applying two coats of wall putty to Inside						
	plastered walls & ceiling using white cement putty.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Scrapping and levelling the surface even &
	Including cost of c
	complete as per the
	Qty vide excel s
I-NO 415	Second floor Stair
	Putty to Inside
	cement putty. Scr

OOK

	Depth 6	Contents 7	Reference to last Measurement 8
	per	Specifications	
	ill	280.90	Sqm
			55410.19
			573 cs. 64
	ide cement plaster in		
	ceiling including		
	d Smooth rendering		
	d	280.90	Sq.m
			55410.19
	putty to Inside		
	hite cement putty.		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499339

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Scrapping and levelling the Surface using Steel blade & preparing the Surface even & Smooth by using different grade Sand papers Including cost of all materials, cost of labour & Scaffolding. complete as per the Specification. Qty vide excel sheet Pano 58 of E-Bill @ Rs 61.00					745.98 ~~884.44~~	~~Sqm~~ 54133.84 54134.45
Item 41)	Second floor Staircase providing applying two coats of wall Putty to Inside plastered walls & ceiling using white cement putty. Scrapping and levelling the Surface.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide excel sheet pg no 58 of E-Bill					745.00	Sqm
		(a)	R &	63.00	–	– – – –	46741.20
							46996.74
I/NO 42	providing and finishing external walls in two coats with waterproof cement paint of approved brand & shade to give an even shade after thoroughly brooming the surface to Remove all dirt and loose powdered material. free from mortar drops and other foreign matter cost of materials Labour. complete as per specifications					324.74	
	Qty vide excel sheet pg no 59 of E-Bill					430.20	Sqm
		(a)	R &	90.00	–	– – – –	38718.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
I/NO 43	Second floor Provi coats with waterpro Shade to give an Qty vide excel
I-N 44	Providing and applyin emulsion Paint of even approved sh

BOOK

s		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
		748.98	
f E-Bill		745.00	Sqm
.00	—	— — — —	46741.20
			46996.74
lls in two coats with			
brand & shade to give			
ooming the Surface to			
material. free from			
ter cost of materials			
rks		324.74	
E-Bill		430.20	Sqm
o —	— —	— —	38718.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499340

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
F.NO 43	Second floor] providing and finishing					external walls in two	
	coats with waterproof cement paint of					approved brand &	
	shade to give an even shade after					throughly brooming	
	thoroughly vide excel sheet Pg no 59 of E-Bill					324.18 74 Sqm	30200.82
	@ Rs 91.00 —					— — —	29032.74
F-N 44	Providing and applying Painting in two coats with plastic						
	emulsion Paint of approved brand on wall Surface to give an						
	even approved shade after thoroughly					brushing the Surface	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	even and Sand paper Smooth cost of materials. labour. complete as per Specifications. Qty vide excel sheet Pg no 60 of E-Bill @ Rs 96.00	—	—			~~415.07~~ ~~606.55~~ 606.55	Sqm 58232.80
JTNO 46	Second floor providing and applying Painting in two coats with plastic emulsion paint of approved Brand on wall Surface to give one even approved shade Qty vide excel sheet Pg no 60 of E-Bill @ Rs 99.00	—	—			1165.50 07	Sqm 45688.50 4604.93

Serial No. .....

Name of Work ..... Fr

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
JW 46	Providing and applying P Point of approved brand Shade after ~~thoroughly~~ drops & ~~other~~ for again and Sand paper Smooth. Specifications. Qty vide excel she	

DK

Depth 6	Contents 7	Reference to last Measurement 8
d	materials.	
	~~415.07~~	
u q	~~606.55~~	Sqm
	606.55	5802880
ng	Painting in two	
d	approved	Drong
oved	shade	
el	2165.80 07	Sqm
		4568850
		4604.93

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499341

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
JW 46	Providing and applying Painting in two coats with plastic emulsion Paint of approved brand on wall Surface to give an even approved shade after thoroughly brushing the Surface free from mortar drops & other foreign matter including preparing the Surface even and Sand paper Smooth. cost of materials. Labour. complete as per Specifications.						
	Extra vide excel sheet Pg no 61 of E-Bill @Rs 94.00					280.90	Sqm 8724430
						- - -	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
ITNO 47)	Second floor : providing and applying painting in two coats with plastic emulsion paint of approved brand on wall Surface to give an even approved shade after thoroughly brushing. this Rate Qty vide excel sheet Pg no 61 of E-Bill					280.90 Sqm	
	@ Rs 103/00						28932.70
ITNO 48)	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs. with 20mm & down Size graded granite metal coarse aggregate @ 0.69 cum & fine aggregate @ 0.459 cum machine mixed concrete laid in layers not exceeding 15cms. thick well compacted in						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	foundation, plinth and Floor of machine, com Qty vide excel
ITNO 49)	providing and fixing weighing 21kg/Rpm combination of m.s drawing including co

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
		painting in 2 coats with	
rand on coat Sugar to give			
ghly brushing. the Rate			
will		280.90 Sqm	
3/00			28932.80
n cement concrete of mix			
20mm & down Size			
ade ⑥ 0.69 cum & fine			
ced concrete laid in			
h wall computed in			

M. A. R. 57 (Rule 116)
Measurement Book

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499342

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Foundation, plinth and sills, including cost of all materials, labour Hire of machinery, Conveyance, complete as per specifications,					0.00	
	① vide excel sheet P/no 62 of E-Bill @ 6.25 cum					Nil	
	② Qty 5657.00					~~35356.25~~	
IN 49	providing and fixing M.S grill work for windows & ventilators weighing 21 kg/Sqm using M.S flats ③ M.S Square rods ④ combination of M.S flats and Square rods as per approved design. drawing including cutting Steel Sections, and welding the Same						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	to required pattern with a coat of red lead primer. cost of materials. fittings. labour and hire of machinery complete as per specifications.						
	Qty vide excel sheet Pg no 63 of E-Bill					998.23	kgs
	@ Rs 80.00	—	—	—	—		79867.20 79858.40
JINO 505	providing and fixing in position aluminium windows & ventilators as per approved drawings with sliding shutters using double track window frame section of size 81.25 x 31.45mm with 1.2mm thick bottom section of size 40mm x 18mm. 1.28mm thick 0.414 kg/m shutter outer side 40mm x 36.4mm						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	1.1mm thick. weight 0.4 with approved quality bolts etc and prov shutters fitted with cutting to required Tenoned and rivet and clips at corn floor beams/cills as Qty vide excel s

OK

Depth 6	Contents 7	Reference to last Measurement 8
ed	lead primer. coat	
machinery complete as		
Bill	998.23 kgs	
— — —		79867.20
		79858.40
inium windows &		
sliding shutters		
of size 81.25 x 31.75mm		
size 40mm x 18mm.		
side 40mm x 06.4mm		

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Measurement Book

No. B

499343

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles, tower bolts etc and providing & fixing 5.5cm thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length joints mitred subdividing the frame Tenoned and riveted in the assembled. frame stiffened with end clips at corners angles etc and fixed to the walls. lintels. floor beams/sills as the case may be with necessary steel screws. Sum As vide excel sheet Pg no 64 of E. Bill 44.16 @ Rs 3934.00 — — 173527.44					

Property of Government of Maharashtra

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 51)	providing and fixing approved make, quality and colour of Size 600x600x10mm thick fixed on existing flooring with a special adesive for flooring and skirting and jointed with neat cement slurry mixed with pigment match shade of tiles including providing spacers at required interval and removing stains etc complete as per specification. Qty vide excel sheet Item 65 of E-Bill @ ₹ 1228.00	special make glazed vitrified tiles of				~~200.74~~ 331.42 Sqm 331.29	406983.76 406824.12
Item 52)	Second floor providing and fixing special make glazed						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	vetrified tiles of appr 600 x 600 x 10mm thick f adhesive for flooring Qty vide excel
Item 53)	providing ceramic tile Treads of steps and mortar 1:3 mix Pigment including

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
		glazed vitrified tiles of	
		of Size 600x600x10mm	
		a Speial adesive for	
		with neat cement Slurry	
		tiles including providing	
		oving Staing etc complete	
		E-Bill of ~~200.74~~ 331.42 Sqm	
		331.29	406983.76
			406824.12
		special make glazed	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499344

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	vertrified tiles of approved make, quality and colour of Size 600 x 600 x 10mm thick fixed on existing flooring with a special adhesive for flooring and Skirting and jointed with neat cement. @ Rs 1229.00 vide excel sheet Pg no 65 of E-Bill					260.74 ~~268.95~~ Sqm	330539.55 320474.04
17.10.23	Providing ceramic tiles of approved make, shade & Size for flooring Treads of steps and landings laid on a bed of 12mm thick cement mortar 1:3 mix flush pointing with white cement using colour Pigment including cost of materials, Labour, curing, complete						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	as per specifications for ceramic tiles 30cm x 60cm 6mm thick on a bed of 20mm thick						
	Qty vide excel sheet Pg no 66 of E-Bill					29.40	Sqm
	@ Rs 1214.00	—	—	—	—	—	35691.60
JTNO 54	providing and fixing of clay tiles for cladding like of size 230 x 75 x 10mm thick 12mm thick cement mortar 1:3 jointed with adhesive/ cement slurry on rough plaster surface excluding cost of rough plastered surface & the surface is painted with red oxide paint and black oxide paint into the grooves						
	Qty vide excel sheet Pg no 67 of E-Bill					94.02	Sqm
	@ Rs 1400.00	—	—	—	—	—	131088.04

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
JTNO 55	providing and laying thick granite laid on cement slurry mixe including laying Pol using silver qty of width not less tho
	Qty vide exce

OK

Depth 6	Contents 7	Reference to last Measurement 8
60cm 6mm thick on a		
ill	29.40	Sqm
—	— — —	35691.60
cladding like of Size		
mortar 1:3 jointed with		
Surface excluding		
oyace is painted with		
the gloves		
ll	44.02	Sqm
—	— — —	131088.04

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Measurement Book

No. B

499345

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
JJ10 5th	providing and laying flooring using prepolished water cut 1gang Saw 18mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to much shade of granite slabs. including laying pop on finished Surface and cleaning as per specification using silver grey granite/ multy Red/ Ruby Red/ Black / Harsan Green granite of width not less than 120mm						
	60 cm wide excel sheet pg no 68 of E-Bill					3.24	Sqm
	@ Rs	2698.00	—	—	—	8741.52	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
ITNO 565	Providing Home wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought framed & assembled including making plaster groves but Including cost of materials, labour, Hire of machineries complete as per specifications.						
	Qty vide excel sheet	Pg no 69 of E-Bill				0.68	cum
		Rs 105974.00	–	–	–		68883.10
							12062.32
ITNO 575	Providing and fixing in position fully panelled Hone wood Shutters for doors styles and rails of 40mm thick with bottom and lock rails 180mm wide top rail & Styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, Hire of machineries complete as per specification						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Qty vide excel sh
ITNO 585	Solid panel pre thick factory mad M.S. tube of 19x19 rails. covered wit 5mm thick she & 75mm wide P bottom Rail On

OOK

lth	Depth 6	Contents 7	Reference to last Measurement 8
oors . windows.			clerestory
. wrought framed			
roves but including			
ngs complete as per			
ill	0.68	cum	
oo - - - -			68883.10
			12062.32
ly panelled Honne wood			
40mm. thick with bottom			
l. & Stayles 100mm			
25mm thick including			
ing complete specification			

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No. B

499346

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	8m wide excel sheet pg no 70 of E-Bill					20.16	Sqm
	@Rs 4784.00	-	-	-	-		96505.92
							96485.44
Jan 88	Solid panel prelam pvc door Shutter providing & fixing 30mm thick factory made rigid prelam panelled Door Shutters made from M.S. tube of 19x19mm 18 gauge for Styles and 15x15mm for top & bottom rails. covered with heat moulded prelaminated pvc c channel of 5mm thick sheet & 30x50mm wide to form Styles & 5mm thick & 75mm wide prelaminated pvc sheets for top rail. lock rail & bottom Rail On either Side & 5mm thick. 40mm wide cross pvc						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sheet as gap insert for top rail & bottom rail Panelling of 5mm thick pvc sheet prelaminated on either side fitted in the M.S. frame, Sealed to the Styles & Rails with pvc Designer beading on either side & joined together with Solvent cement adhesive etc complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75mm aluminium hinges with butt & pretan						
	@ Rs vide excel sheet Page no 71 of E-Bill @ Rs 4168 -					3.71	Sqm 15421.60
FINO 59)	SOLID pvc DOOR FRAME providing & fixing Door frame of Size 80x40mm all inside thickness					factory made pvc of 5mm	made out

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc,
1	2
	of extruded sm jointed D.No.s the entire door of 19 gauge. the Screws of 6c/80 @ vide exc

OK

Depth 6	Contents 7	Reference to last Measurement 8
ottom	rail panelling	
n either Side	fitted	
els & Rails	with PVC	
ead together	with	
as per manufacturers		
dge fixed to	frames	
gs with both Side	Pretan	
E-Bill	3.41	Sqm
—	— —	15421.60
fixing	factory	made PVC
ckngs	of 8mm	made out

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499347

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	of extruded 8mm rigid PVC foam sheet metered cut at corners & jointed D/no.s of 150mm long brackets of 15x8mm M.S. Square tube. the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. the door frame to be fixed to the wall using, M.S Screws of 6c/80mm Size complete as per manufacture. specification vide excel sheet Sr no 72 of E-Bill						
			(a) R/s	542.00	—	3.70 — —	Sqm 2005.4.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
I7,V0 60)	providing and placing on Terrace, polyethylene water storage Tanks with manhole lid and suitable locking arrangements making holes of suitable diameter for inlet outlet & overflow pipes including cost of all materials, Labour Transport charges Hire of equipments and testing complete as per specifications. Qty vide excel sheet pg no 73 of E-Bill	—	—	—	—	4.00	each
	@ Rs 8724.00	—	—	—	—	—	34896.00
I7,V0 61)	providing and fixing chlorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778. having thermal stability for hot & cold water supply including all CPVC plain & brass Threaded fittings including fixing the pipe with clamp at 1,00 mtr spacing. this Includes jointing of pipes & fittings						

Serial No. .....
Name of Work .....
Name of Contractor of nature o
Date of commencement of wor

Date	Full description, etc,
1	2
	with one step good the Same Qty vide exc
I7,V0 63)	Providing and conforming to Water Supply including fix the cost of

BOOK

s		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
.		polyethylene water storage	
itable locking arrangements			
or inlet outlet & overflow			
g. Labour Transport charges			
e as per specifications.			
-Bill	—	4.00 each	
4.00	—	— — —	34896.00
oly vinyl chloride (pvc)			
ing thermal stability for			
ll cpvc plain & brass			
the pipe with clamp at			
nting of pipes & fittings			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499348

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	with one step cpvc Solvent cement & the cost of cutting chases & making good the same including Testing of joints complete.					42.00 40.00 70.00	mtr
	(By vide excel sheet Pg no 74 of E-Bill	(2)	12 x	216	— —	— —	15120.00
Exp Col	Providing and fixing chorinated poly vinyl chloride (cpvc) pipes conforming to IS 15778 having thermal stability for hot & cold water supply including all cpvc plain & brass threaded fittings including fixing the pipe with one step cpvc Solvent cement & the cost of cutting chases & making good the same including						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Testing of joints complete. 25mm nominal OD pipes						
	Qty vide excel sheet Pg no 75 of E-Bill					60.00	mtr
	@ Rs 258 - -					- -	15480.00
JTNO 63	Providing and fixing to wall ceiling & floor low density Polythylene pipes 600 kpt/Sq.cm working pressure 9mm outside diameter with special flange compression type fittings wall chips making good the wall ceiling and floor including cost of all materials labour charges tools & equipments & Testing complete as per specification						
	Qty vide excel sheet pg no 76 of E-Bill					30.00	mtr
	@ Rs 367 - -					- -	11010.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
IV 64	Providing and fixi plastic moulded thick hard boar complete as per Qty vide excel
IV 65	Providing and fix dia.

BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
n	nominal OD Pipes		
Bill		60.00	mtr
	— —	— —	15480.00
	c floor low density		
	pressure 9mm outside		
n	type. fittings wall clips		
	including cost of all		
	equipments & Testing		
	E-Bill	30.00	mtr
	— —	— —	11010.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499349

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
IV 64)	Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications						
	Qty vide excel sheet pg no 77 of E-Bill					2.00	each
	@ Rs 1216/-					— —	2432.00
IV 65)	Providing and fixing 45cms to 15.00 cms dia NP grating 100mm dia,						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide excel sheet	Pg no	77 of E-Bill			4.00	each
			@ Rs 165.00	–	– –		660.00
ITNo 66	Providing and fixing Cl Nahani Trap of approved make conforming to ISI specifications and construction of cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixture & conveyance of material to work spot)						
	Qty vide excel sheet	Pg no 77 of E-Bill				4.00	each
		@ Rs 258	–	–	– –		1032.00
ITNo 67	Providing & fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials labour,						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	& Hom of equipment
	Qty vide excel shee
ITNo 68	Providing and fixing of approved quality Lobach a Hom of eq
	Qty vide excel

OOK

Depth 6	Contents 7	Reference to last Measurement 8
ell	4.00	each
oo –	– – –	660.00
p of approved		make
construction of		cistern
sive of cost of		materials
work spec)		
ell	4.00	each
–	– – –	1032.00
bb cock of approved		
ost of all materials	labour,	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499350

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	& Hom of equipments with all leads complete as per specification						
	@ as vide excel sheet Pgno 78 of E-Bill					4.00	each
	@ Rs 250.00	–	–	–	–		1000.00
Item 68	providing and fixing in position brass gate valve with CJ wheel						
	of approved quality 25mm nominal bore including cost of all materials						
	Labour & Hom of equipments with all leads complete as per specifications						
	@ as vide excel sheet Pgno 78 of E-Bill					5.00	each
	@ Rs 618.–	–	–	–	–		3090.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
ITNO 69	Providing and fixing in position brass gate valve with C.I wheel of approved quality 80mm nominal bore Including cost of all materials, labour & Hire of equipments with all leads complete as per specifications Qty vide excel sheet pgno 79 of E-Bill @ Rs 4421.00					6.00 — — — each	@526.00
ITNO 70	construction brick masonry inspection chamber 450x450mm and 450mm depth for Single pipeline. using table moulded non-modular bricks of class designation 50 in cm 1:2 C.I cover with frame to be not less than 38kg R.C 10P Slab with cement concrete M15 with 20mm & downsize						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	granite metal. four granite metal. Inside with a floating co as per specificat Qty vide ex
ITN 71	Providing and Orissa pattern

OK

Depth 6	Contents 7	Reference to last Measurement 8
ross	gate valve with	
nominal bore Including		
of	equipments with	
ngs		
ull	6.00	each
—	— — —	₹526.00
chamber 450x450mm		
using table moulded		
n so in cm 1:2 C.I		
ion 38kg R.C — to P		
20mm & down Size		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

499351

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	granite metal. foundation concrete 1:5 with 40mm a down Size granite metal. Inside plastering 12mm thick with cm 1:3, finish Smooth with a floating coat of cement on walls & bed concrete complete as per specifications.						
	Qty vide excel sheet Pg no 79 of E-Bill					4.00	each
	@ Rs 5506.00					— — —	₹2024.00
Jan 7th	Providing and fixing white vitreous china clay. water closet Orissa pattern of Size 580x440mm with Integral Type footrests.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	100mm S (or) P Trap. 10 litre low level P.V.C flushing cistern with fittings, C.I/M.S brackets 32mm diameter flush pipe fittings and clamps. overflow arrangements with special and 25mm mosquito proof coupling of approved design. Painting of fittings and brackets, cutting and making good the wall & floor wherever required. including cost of materials labour complete as per specifications.						
	Qty vide excel sheet Pg no 80 of E-Bill					3.00	each
						(or) Rs 4416.00	- - - 13401.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
JAN 21)	Providing and layin of approved quali an average thick with cement mor cost of materials
	Qty vide exce

BOOK

ons		Contents	Reference to last Measuremen
readth 5	Depth 6	7	8
ved	P.V.C	flushing cistern	
mm	diameter flush pipe		
ngements	with Special		
	of approved design.		
	cutting and making good		
d	including cost of materials		
ions.			
	of E-Bill	3.00	each
	4464.00	- - -	13401.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499352

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
JAN 21)	Providing and laying in position yelahanka Tiles of Size 250x250mm of approved quality and make over a bed of cement mortar 1:3 an average thickness 25mm over weather proof coat & pointed with cement mortar 1:3 mix with red oxide including curing cost of materials labour complete as per specifications.						
	Qty vide excel sheet sl no 80 of E-Bill					280.91	each
		2828	- - -	- -	- -	- -	232593.48

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
IINO 73	providing and fixing white vitreous china clay flat back Lipped front urinal basin of 430x260x350mm in the range of Size with 10 litres pvc automatic flushing cistern C.I/M.S bracket. Standard flush pipe and cp brass spreader with brass unions & G.I clamps complete Painting of fittings and brackets. cutting and making good the wall & floor wherever required including cost of materials. labour complete as per specifications						
	@ vide excel sheet Pg no 81 of E-Bill					3.00	
	@ rs 7016.00 — — —						21048.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
JINO 74	Providing and fix basin size 630x4 with C.I/M.S brac Painting of fittings wherever required inc @ vide e

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore.

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
		china clay. flat back	
x 350mm		in the range of	
flushing		cistern. C.I/M.S	
p brass		spreaders with	
ete painting		of fittings	
good the wall		floor	
tdials.		Labour	
of E-Bill		3.00	
.00	—	— — —	2148.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

499353

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
7/NOV/24	Providing and fixing white vitreous china clay. flat back wash basin size 630x450mm with a pair of 15mm c.p brass pillar taps with C.I/M.S brackets. 32mm c.p brass waste of Standard Pattern. Painting of fittings & brackets. cutting & making good the wall & floor wherever required including cost of materials. Labour complete as per specifications						
	@ Rs 4004/- -					1.00 each	4004.00
				6906868/=		TOTAL	7039781.59
						Add 12+ CGST	844774.00
						GRAND TOTAL	7884555.59

By vide excel sheet Pg of 81 E-Bill

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CERTIFICATE :-						
	(1) The contractor has done the work Satisfactorily						
	(2) there is no any departmental Issues with the contractor						
	(3) the contractor has Removed all debris from work spot.						
	6/JE 30/10/19						
	Signature (Contractor)						
	Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bangalore.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of A
Date of commencement of work .

Date	Full description, etc, of
1	2
	CLASS Re
	7.46×8.1
	10.80
	D
	6/JE 30/

OOK

h	Depth 6	Contents 7	Reference to last Measurement 8
	Satisfactorily		
	with the Contractor		
	bris from work spot.		

MEASUREMENT BOOK

1	2 Full description, etc, of work	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	1st and final Special Development Works				1st & part TTO	6966868	
					H	69069	
					Cast	61669	
					Sast	61669	
					LC	69069	
					CWF	6907	
					CR Fin	33385	
					Total	304768	
					Chap	6602100	

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P3333 ರಡಿ
ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 6966868/- ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ.
ಇದರಲ್ಲಿ ರೂ. 304768/- ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ
ಮಾಡಿಕೊಂಡು ರೂ. 6602100/- ಗಳನ್ನು

FT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ವಿಷಯ ನಿರ್ವಾಹಕರು
ಲೆಕ್ಕಾಧೀಕ್ಷಕರು 30/12
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು 30/12
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು

Serial No. .....
Name of Work .....
Name of Contractor of nature o
Date of commencement of wor

Date 1	Full description, etc, 2